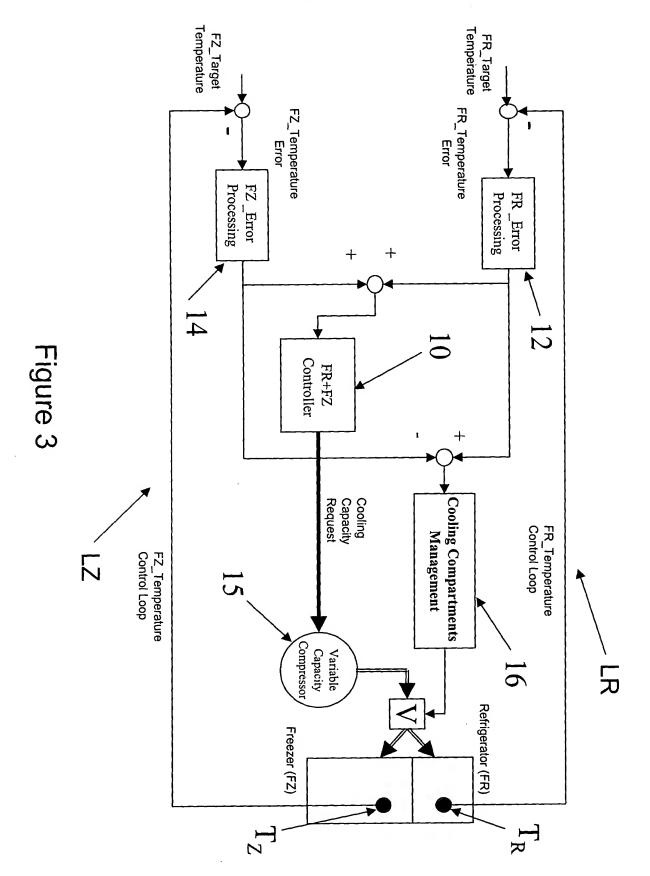


Figure 2

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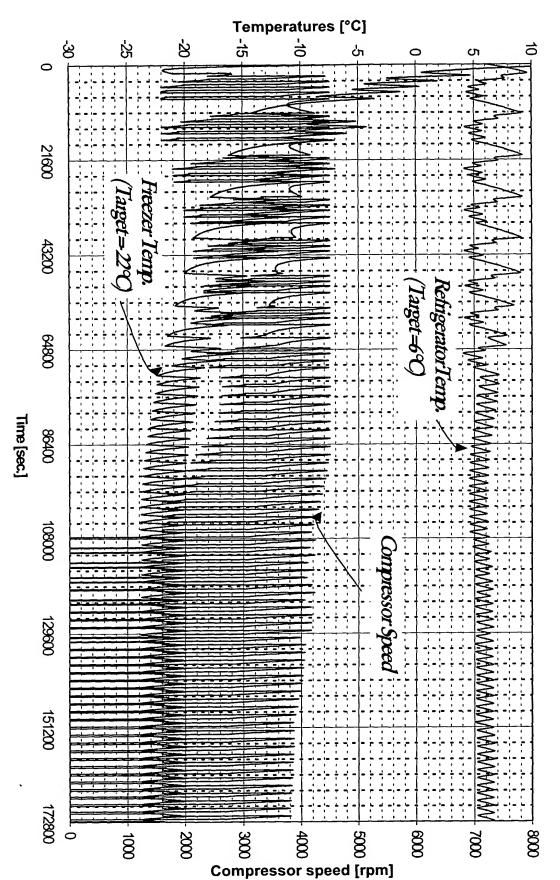
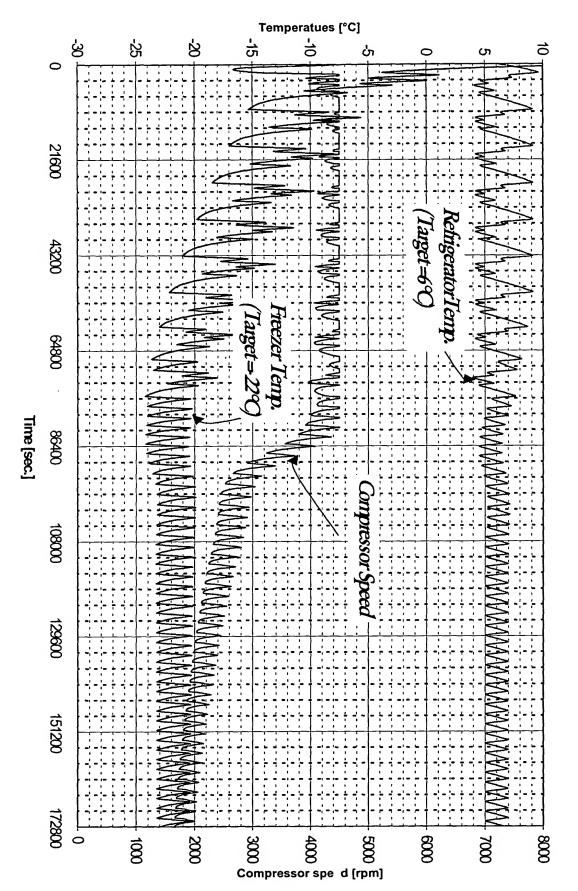


Figure 4

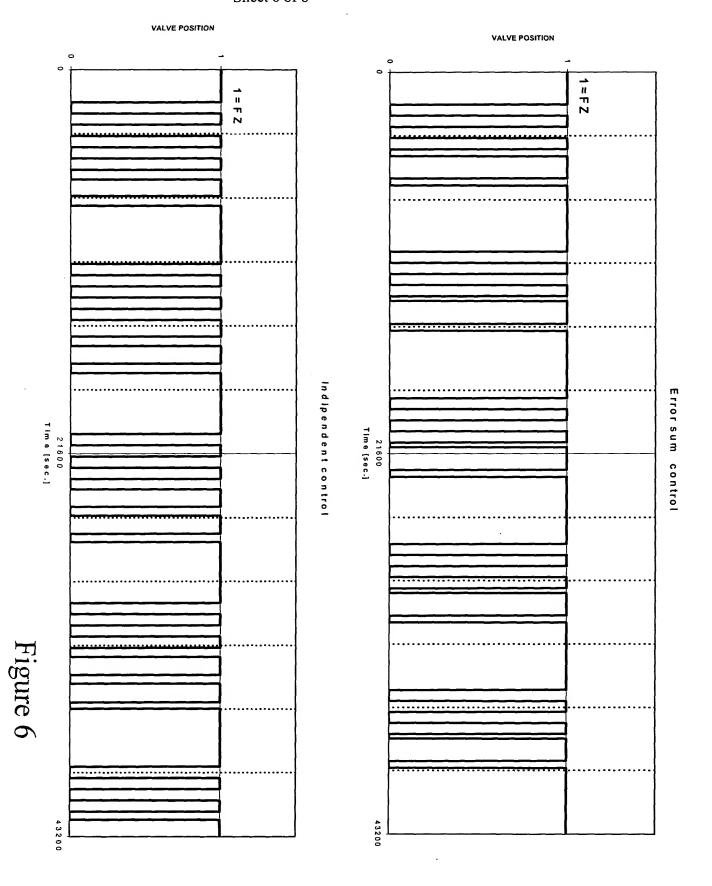
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**Error Sum** 

Figure 5

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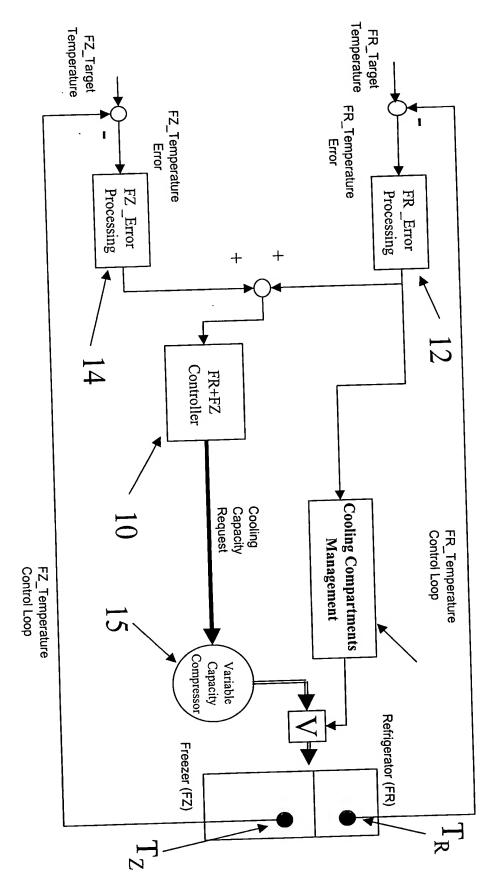


Figure 7

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FZ Evaporator Input-Output Temperature DIFFERENCE FR Evaporator Input-Output Temperature DIFFERENCE FZ\_Evap
Temperature
Error Temperature FR\_Evap. Error Compartments Management Cooling FR\_ Flow rate FZ\_Flow rate Controller Controller 26 22 FR Variable Flow Rate FZ Variable Flow Rate Compressor Refrigerator (FR)  $\mathbf{E}_{\mathbf{Z}}$ Freezer (FZ)  $\mathcal{F}_{R}$ 

Figure 8